

AMENDMENT TO THE CLAIMS

The following is a detailed listing of all claims that are, or were, in the Application.

1. (Currently amended) A converter circuit, comprising:
an AC-to-DC converter, comprising a plurality of first power devices;
a resonant DC link, comprising at least only one auxiliary power device;
a DC-to-AC converter, comprising a plurality of second power devices; and
DC link lines, coupling the AC-to-DC converter, the resonant link, and the DC-to-AC converter, wherein
the auxiliary power device is connected between the DC link lines; and
the resonant DC link is operable to clamp an operating voltage of the converter.

2. (Original) The converter of Claim 1, wherein the plurality of first power devices comprise:
first power devices selected from the group of MOS-FETs and npn bipolar transistors.

3. (Original) The converter of Claim 2, wherein the plurality of first power devices comprise:
first power diodes, coupled across corresponding first power transistors.

4. (Original) The converter of Claim 3, wherein the first power diodes being coupled across the first power transistors comprises a first power diode being coupled between a source and a drain of a MOS-FET first power transistor.